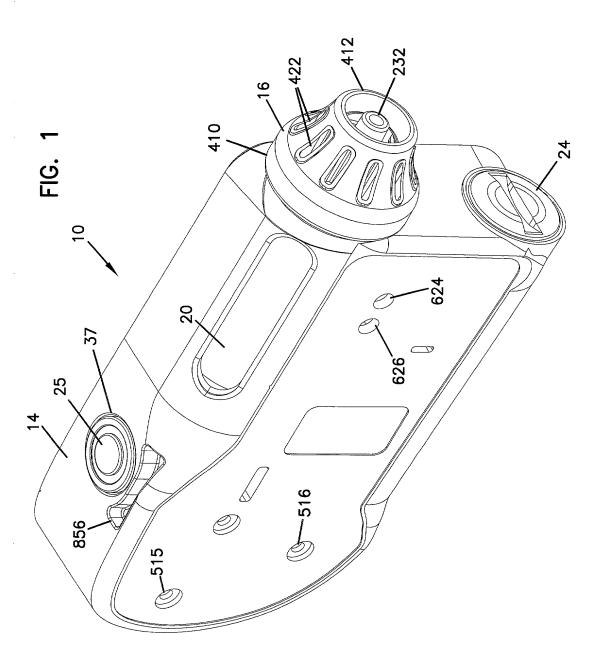
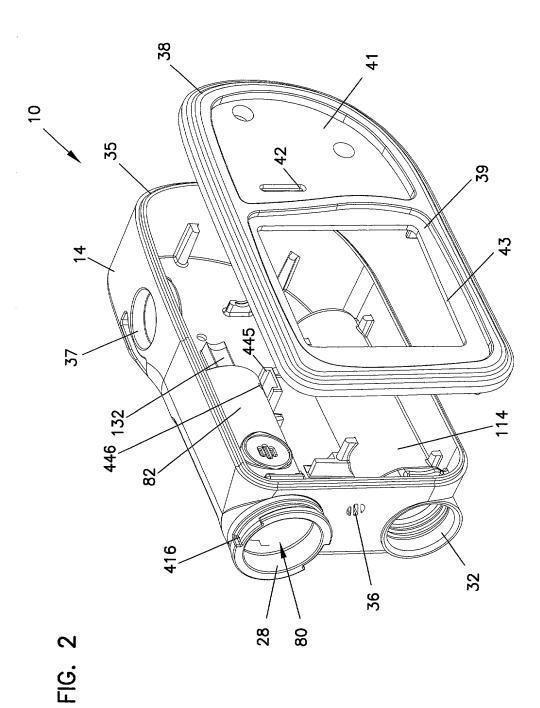
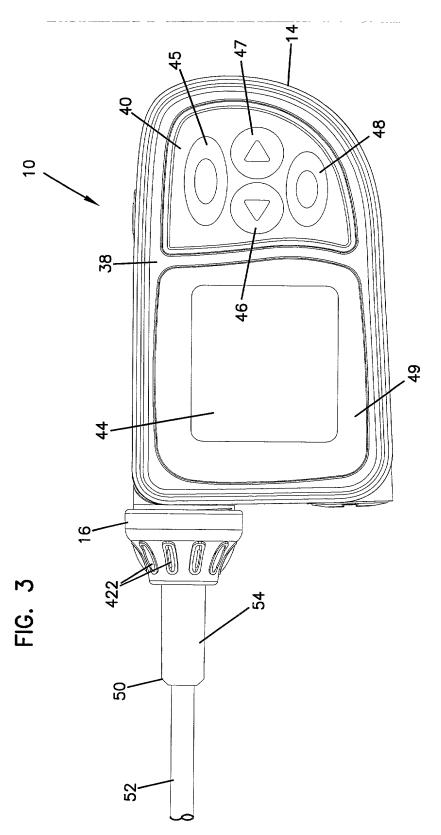
Inventor: VILKS ET AL.
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Attorney Name KATHERINE M. DEVRIES SMITH
Phone No.: 612 332 5300
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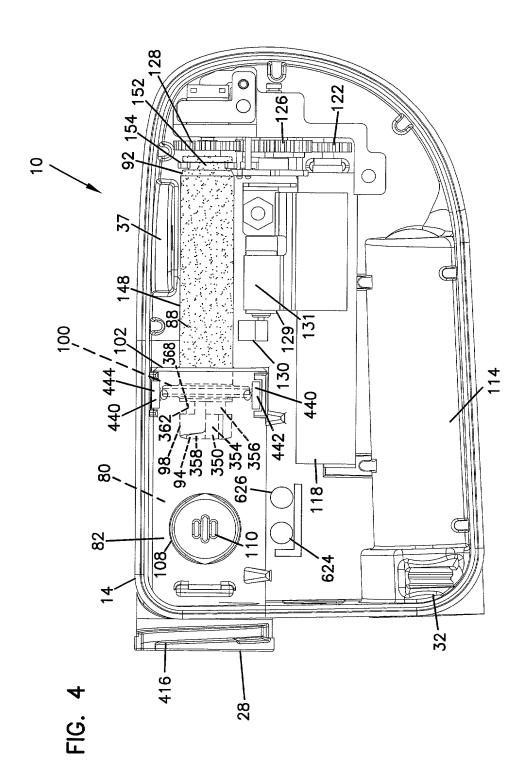
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Attorney Name: KATHERINE M. DEVRIES SMITH
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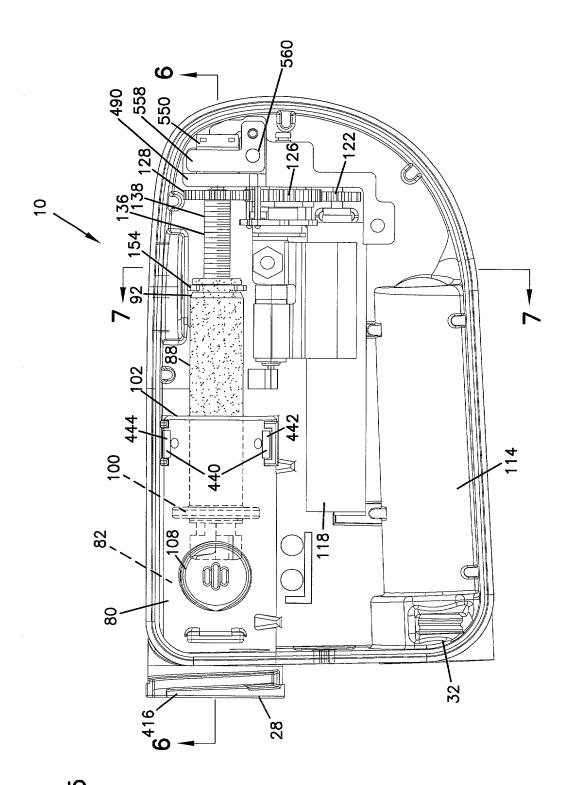
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Attorney Name. KATHERINE M. DEVRIES SMITH
Phone No.: 612.332.5300
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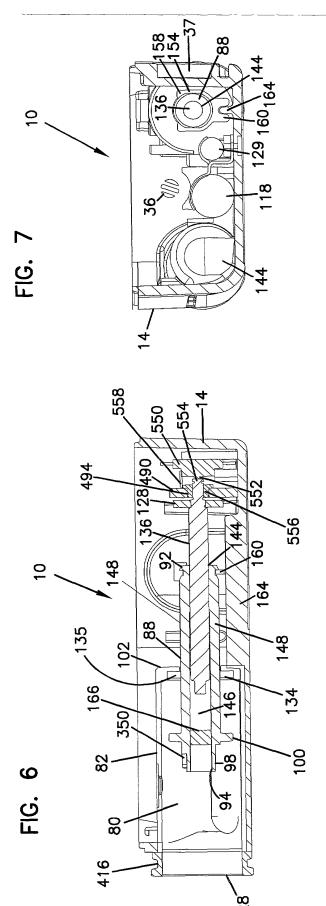
Inventor: VILKS ET AL. Docket No.: 9015.143US01 Title CARTRIDGE AND PUMP WITH AXIAL LOADING Attorney Name: KATHERINE M. DEVRIES SMITH Phone No \cdot 612.332.5300 Sheet 4 of 29



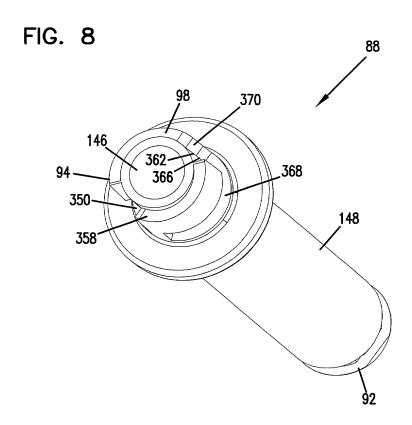
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Title. CARTRIDGE AND PUMP WITH AXIAL LOADING
Attorney Name KATHERINE M. DEVRIES SMITH
Phone No.. 612.332.5300
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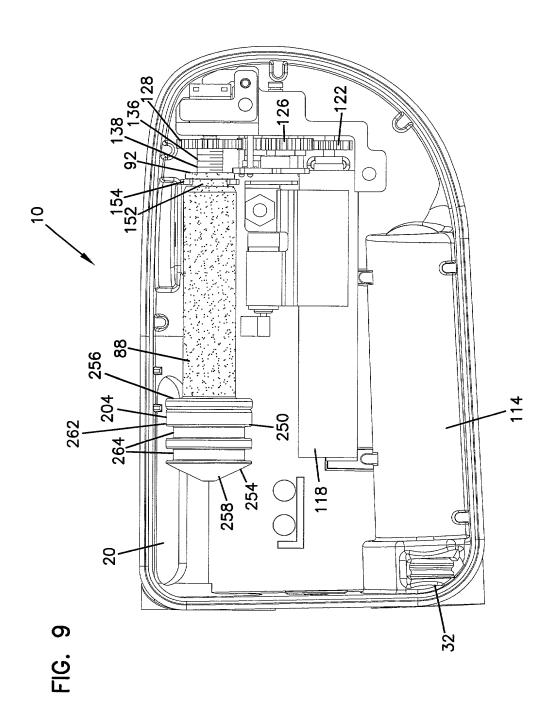
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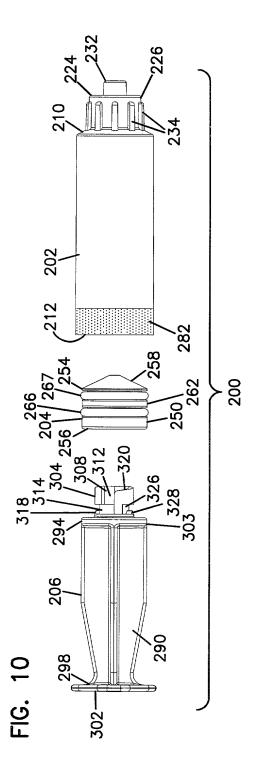
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Attorney Name: KATHERINE M DEVRIES SMITH
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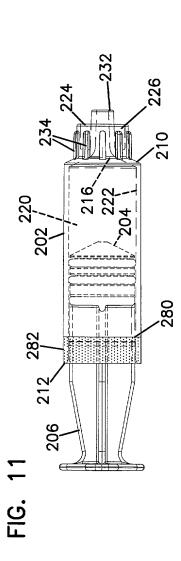


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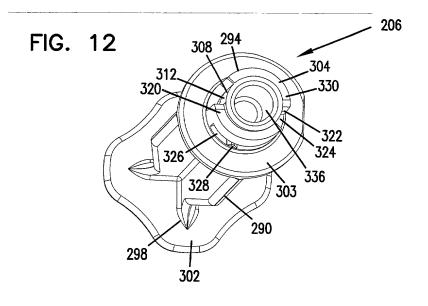


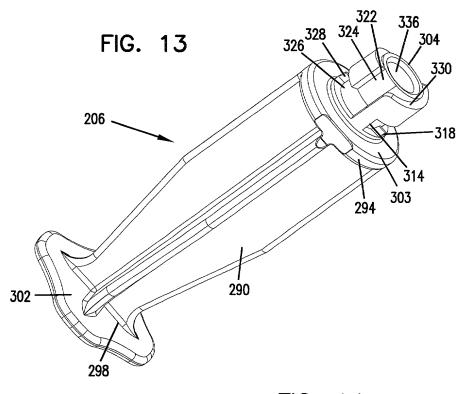
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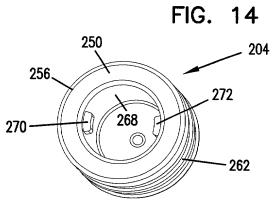




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FIG. 15

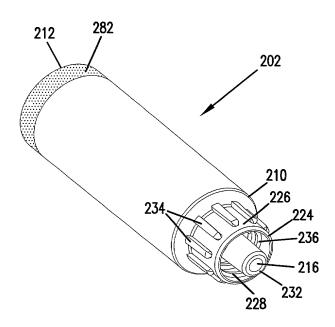
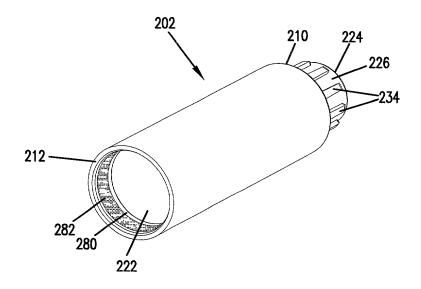
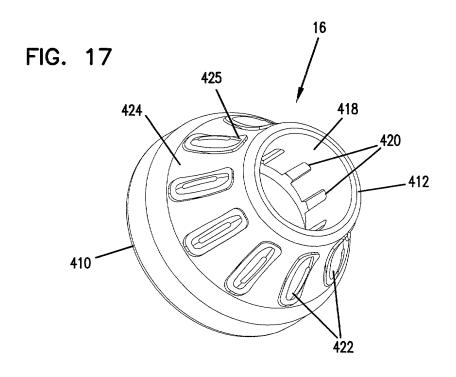


FIG. 16



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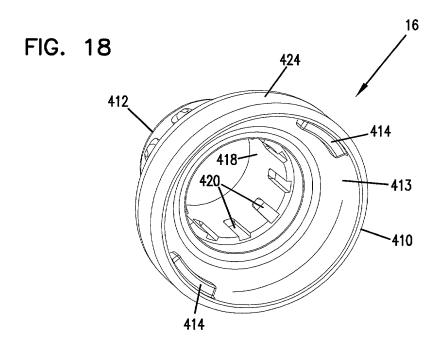
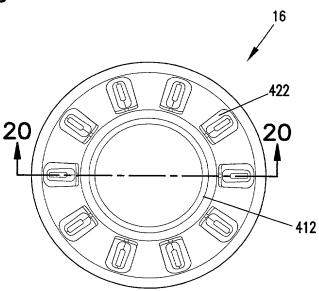
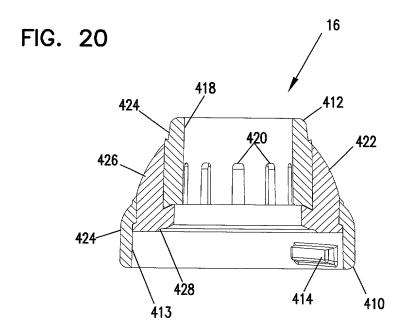


FIG. 19





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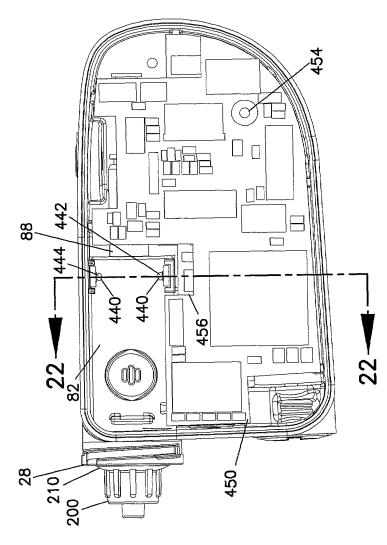
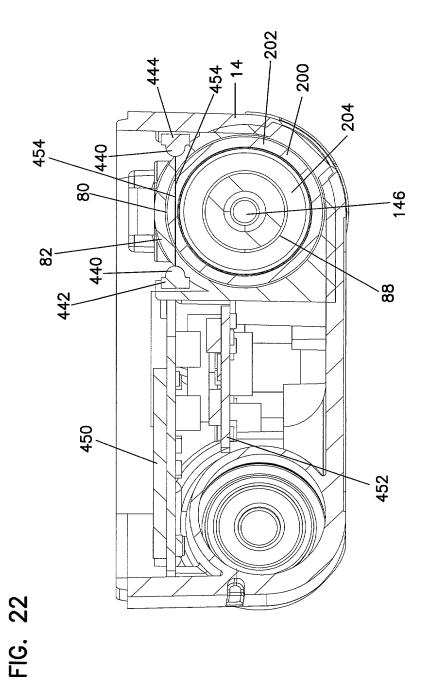
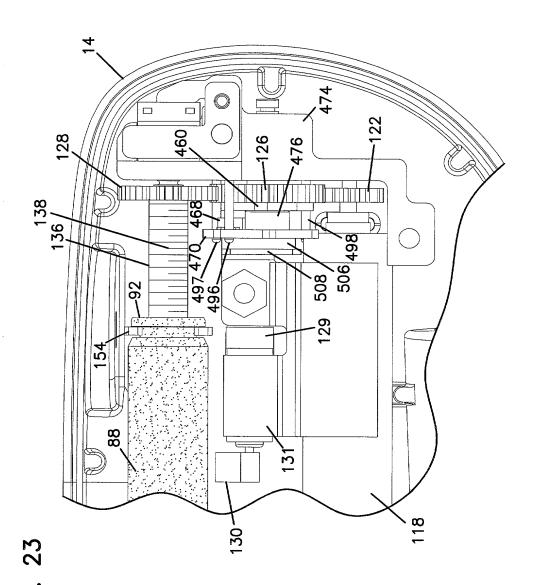


FIG. 21

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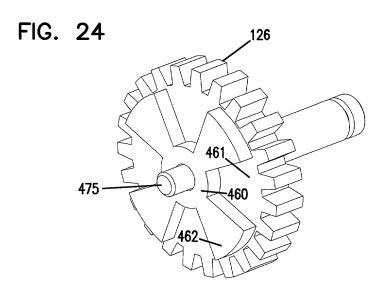
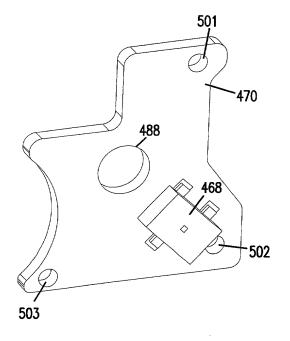
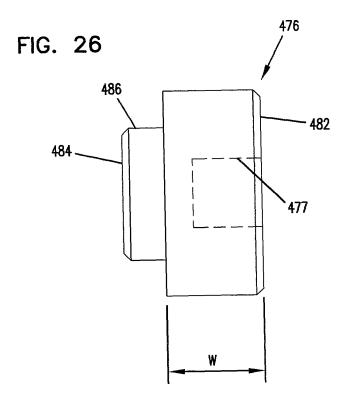


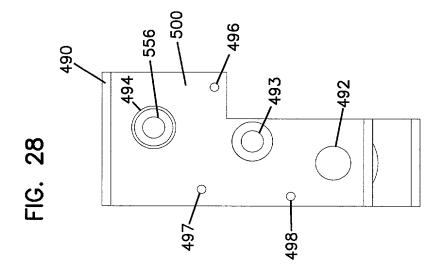
FIG. 25

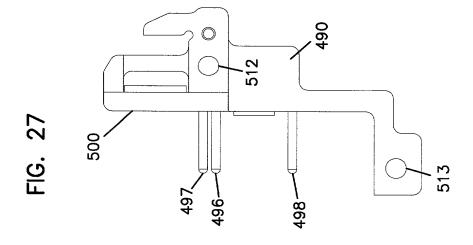


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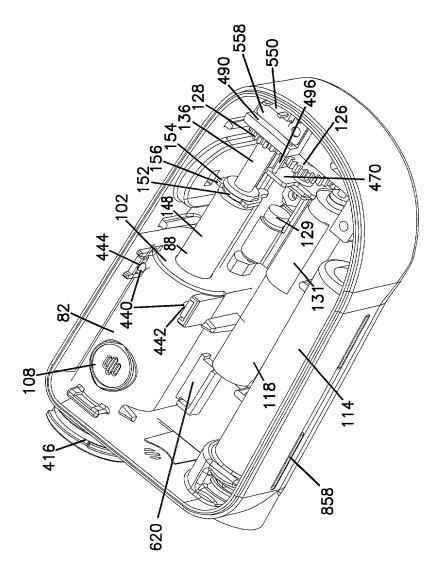


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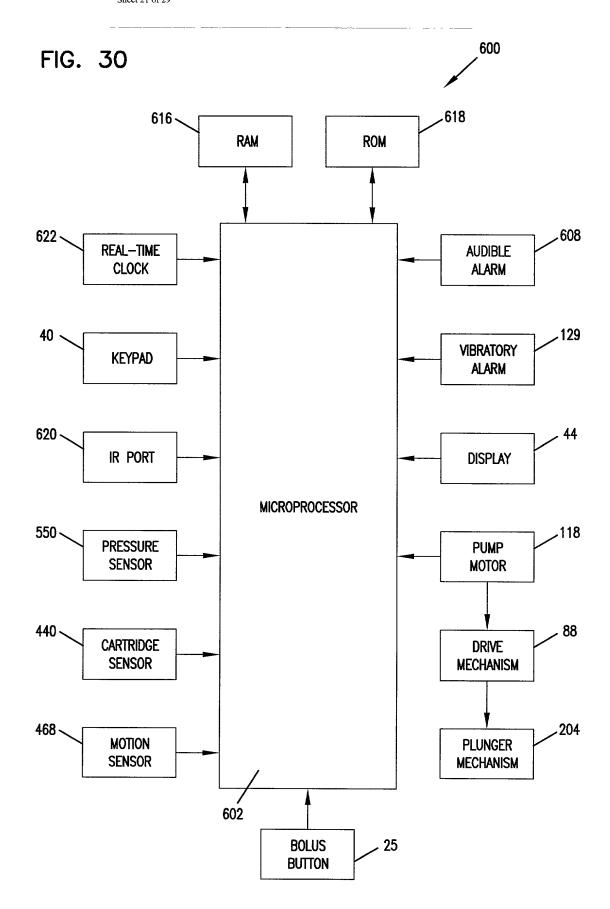




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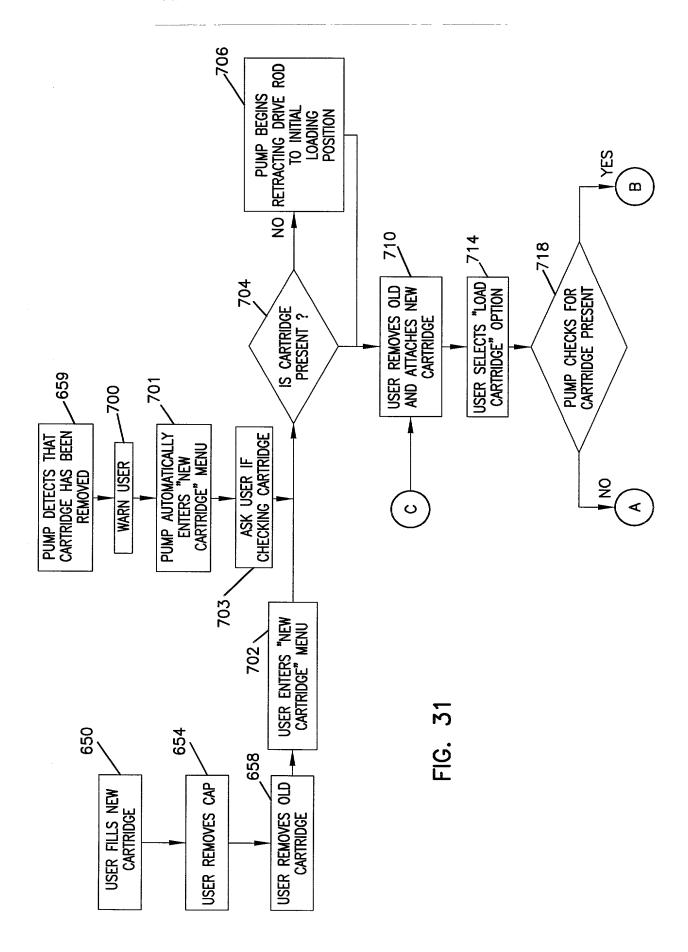


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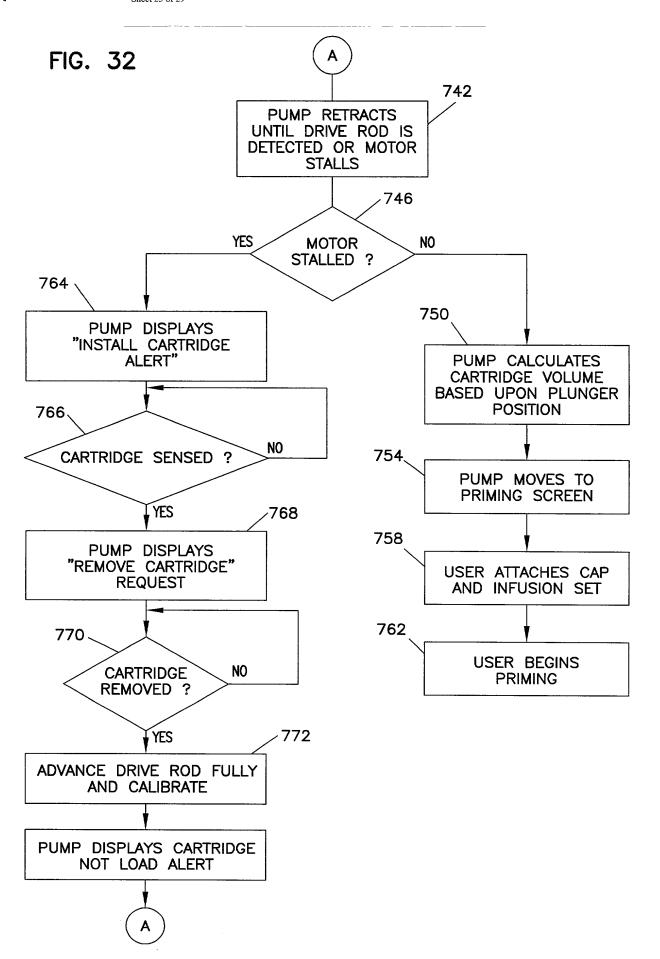


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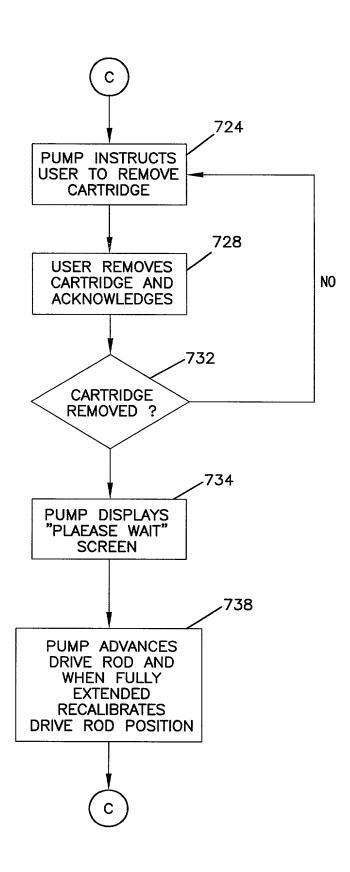
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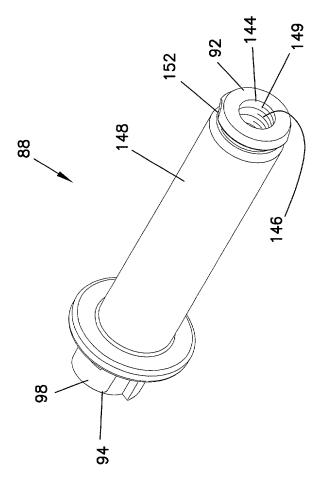
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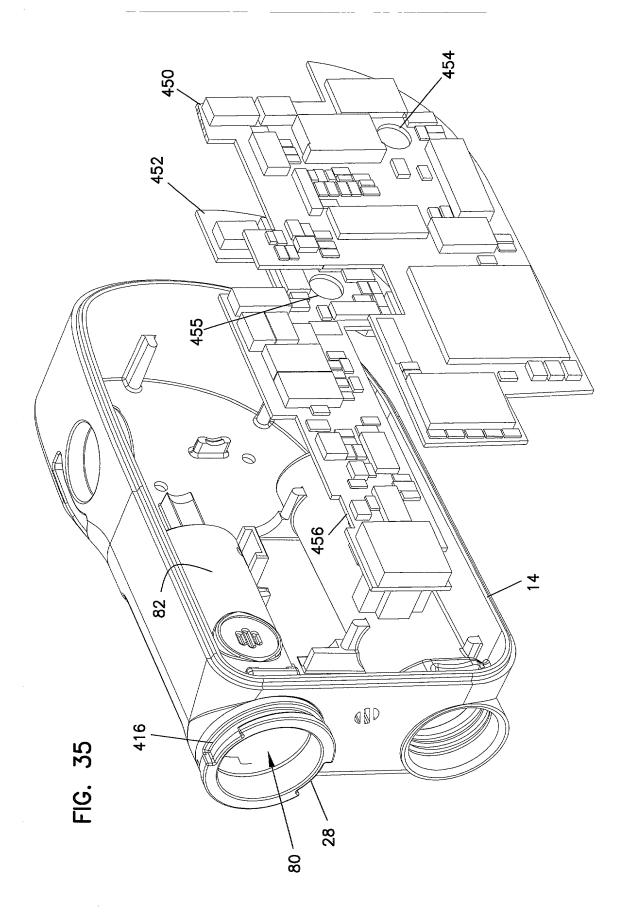
FIG. 33



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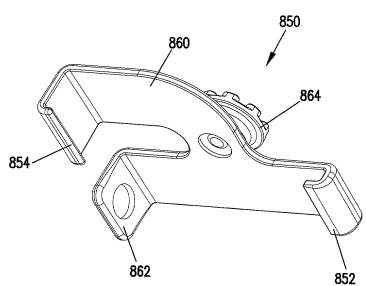
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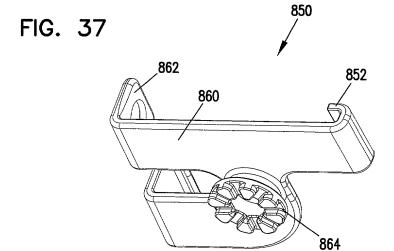


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FIG. 36

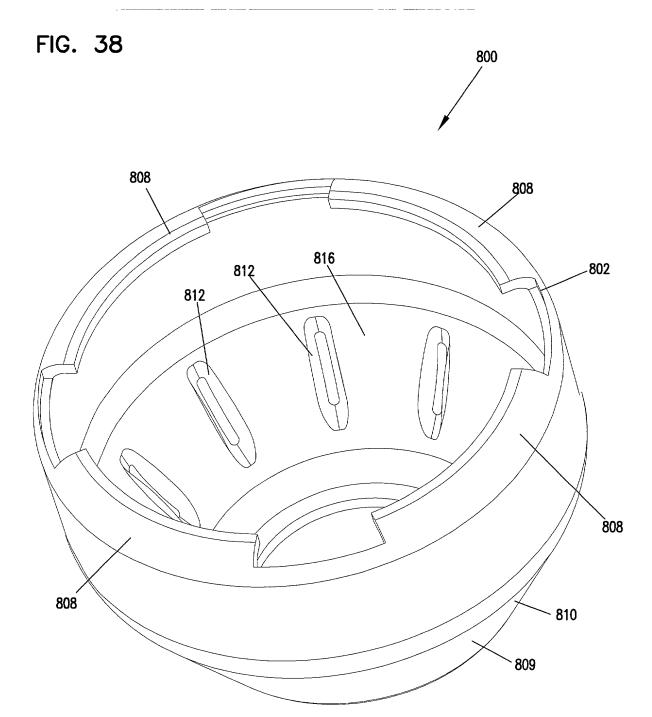
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